DEPARTMENT OF THE INTERIOR MONTANA-POWDER RIVER CO. GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 106°07′30″ 45°15′ 10' R 45 E R 46 E 10 11 12 16 15 13 18 17 14 23 20 21 22 19 24 20 12'30" 29 28 30 27 26 25 T. 7 S 10 11 14 (BEAR CREEK SCHOOL) 4774 II SW R 45 E. R. 46 E. Base from U.S. Geological Survey, 1972 Compiled in 1977 UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

UNITED STATES

COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE OTTER QUADRANGLE, POWDER RIVER COUNTY, MONTANA

BY

PLATE 35
STRUCTURE CONTOUR MAP
OF THE BREWSTERARNOLD COAL BED

OTTER QUADRANGLE

OPEN-FILE REPORT

This report has not been edited for

conformity with U.S. Geological Survey editorial standards or stratigraphic no-

OPEN FILE REPORT 79-105

PLATE 35 OF 59

EXPLANATION

STRUCTURE CONTOURS--Drawn on

top of the coal bed.

BOUNDARY OF RESERVE BASE

COAL--Drawn along the 5-foot (1.5-m) coal isopach, and an arc 3 miles (4.8 km) from nearest complete measurement of coal bed. Arrows point

toward area of Reserve Base

DRILL HOLE——Showing altitude of the top of the coal bed,

To convert feet to meters,

multiply by 0.3.

0 3131

mean sea level.

coal.

in feet.

Dashed where projected beyond boundary of Reserve Base coal. Contour interval 20 feet (6.1 m). Datum is

-3220------

menclature